

**Global Petroleum Terminal (71 & 140 Lee Burbank Highway, Revere MA)  
Inspection Photographic Log – MA0003425**

Site visit conducted: 9/23/2014

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Photographic Log Prepared by Neil Handler: 10/1/2014

Picture #	Description
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| 044 | Picture of the stormwater sump located within the bermed area surrounding Above-ground Storage Tank (AST) #4 at the Global Petroleum Terminal tank farm located at 71 Lee Burbank Highway (Route 1A) in Revere, MA. Stormwater accumulating within the bermed area drains by gravity through the sump once a valve located outside of the berm (See Picture #046) is manually opened by Global Petroleum Terminal staff. Staff reportedly only open this valve after first visually observing and confirming that there isn't any petroleum product mixed in with the stormwater. Although there is some evidence of silt build up in and around the sump, the rip rap protection covering the sides of the bermed area appears to be limiting the amount of soil being deposited within the berm. |
| 045 | Picture of valve located outside of the berm surrounding AST #4 that controls water used for fire flow.  |
| 046 | Picture of valve located outside of the berm surrounding AST #4 that controls the flow of stormwater from the sump located in the bermed area. Once the valve is opened, the stormwater within the bermed area flows by gravity into a storm drain which runs parallel to the paved tank farm access road. Stormwater flows northwest through the storm drain towards Lee Burbank Highway.   |
| 047 | Picture of the Global Petroleum Terminal tank farm looking southeast from the top of the berm located next to AST #4. AST #6 is in the background.   |
| 048 | Picture taken from within the floor of the bermed containment area surrounding AST #4 looking southeast.   |
| 049 | Picture of the ASTs located south of the paved access road at the Global Petroleum Terminal tank farm – looking southeast.   |
| 050 | Picture of the ASTs located north of the paved access road at the Global Petroleum Terminal tank farm – looking southeast.   |

Picture of the in-ground concrete structure located in the southwest corner of the Global Petroleum Terminal tank farm adjacent to Lee Burbank Highway. Stormwater flowing out of the bermed areas surrounding the ASTs flows by gravity through the storm drain into this concrete structure which reportedly holds approximately 3,500 gallons. Flow out of the concrete structure is controlled by the valve shown in the picture. When the valve is open, stormwater flows by gravity under Lee Burbank Highway to a lift station/wet well located within the terminal yard at 140 Lee Burbank Highway. From the lift station/wet well, water is pumped into the nearby oil water separator (OWS 1) located in the southeast corner of the terminal yard. Treated water is then discharged from the oil water separator through Outfall 001 into Chelsea Creek.